

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 4, line 19, as follows:

“Also attached to the housing of the security gate drive mechanism 10 on the side wall 18 may be a locking mechanism slide mounting assembly 40. The ~~slide~~ slideable mounting assembly 40 may include a slideable plate 42 and a ~~slidable~~ mounting frame 43. The ~~slideable~~ mounting frame 43 may have a back wall 60, a pair of side walls 64 and a pair of front flanges 66 extending from each of the respective side walls 64 generally parallel to the plane of the rear wall 60. Contained in the rear wall 60 may be at least one adjustable mounting slot 62. The adjustable mounting slot 62 may serve to enable the positioning of the slideable mounting assembly 40 with respect to the position of the output drive shaft 20 as more fully described below. It will be ~~under stood~~ understood that this function may be performed, as illustrated in FIG. 1, with the slot 62 receiving a bolt member extending outwardly from the drive mechanism side wall 18 or for aligning a bolt with a receiving hole in the side wall 18 or the like, such that the slideable mounting assembly 40 may be selectively placed in, e.g., one of a pair of first and second selectable positions relative to the output operating shaft 20.

Please amend the paragraph beginning on page 5, line 4, as follows:

“Mounted within the slideable mounting assembly 40 can be a slideable locking plate 42. The slideable locking plate 42 may have an opening 44 in general registration with the operating shaft 20. Extending into the opening 44 in generally the axis of slideable movement of the slideable locking plate 42 within the slideable mounting assembly 40 may be a pair of locking fingers 70, 72. Attached to the slideable locking plate 42 by means of, e.g., a slotted operating arm 50 and an attachment pin 52 can be an electrically operated sliding mechanism, which as illustrated can be a solenoid 48. The solenoid 48 may be attached to the back plate 60 of the slideable mounting assembly 40 by a solenoid housing 49. As shown in FIG. 1, the slideable locking plate may

have side walls of its own (not shown in FIG. 1) extending toward the back ~~wall~~ plate 60 of the slideable mounting assembly 40, such that the slideable locking plate is in sliding contact with the front flanges 66 of the slideable mounting assembly 40. In this event, the locking fingers 70, 72, respectively, and as explained in more detail below, may engage the protrusions 30 of the locking collar 29. Alternatively, as shown in FIGS. 2(a)-(d) the side walls 41 may extend in the opposite direction, such that the slideable locking plate is essentially in sliding contact with the raised surface 24. In this embodiment, the fingers 70, 72, when in engagement may engage, e.g., the posts 32 as shown in FIG. 1.

Please amend the paragraph beginning on page 5, line 23, as follows:
“Turning now to FIGS. 2(a)-2(d), there is shown an embodiment of the present invention illustrating the operation of the slideable locking plate 42 according to the present invention. In this embodiment of the present invention the locking collar has been ~~replaces~~ replaced with a locking pulley 80 into the pulley slot of which can be mounted, e.g., as by welding, engaging pins 82, which can act as the engaging protrusions or the engaging posts as explained above in regard to FIG. 1.”

Please amend the paragraph beginning on page 5, line 29, as follows:
“In operation, the present invention can be utilized in the following manner. ~~The back plate 60 of the slideable mounting assembly 40 frame 43~~ The slideable locking plate 42 of the slideable mounting assembly 40 can be ~~position~~ positioned ~~such that~~ as shown in FIG. 2(a), with the solenoid 48 deenergized, i.e., disengaged, the slideable locking plate, e.g., under the influence of gravity has moved to a position where the locking finger 72 is positioned to engage the locking pins 82, shown in FIGS. 2(a) and 2(b), or the engaging protrusions 30 or posts 32, as explained above in regard to FIG. 1. Alternatively, with the solenoid 48 energized, i.e., engaged, as shown in FIG.

2(b) for the first selected position of the slideable mounting ~~mechanism~~ assembly 40 ~~frame 43~~, neither of the fingers 70, 72 is in a position for engaging the locking collar protrusions 30 or posts 32 of FIG. 1, or the engaging pins 82 of FIG. 2(a) or (b). In this first selectable position of the slideable mounting assembly 40, therefore, the security gate is in a fail locked position. In such an embodiment of the present invention the solenoid 48 and the motor (not shown) for the security gate operating mechanism 10 may be connected to the same electrical power source, such that failure of power to the motor (not shown) results in the security gate locking mechanism 10 being locked in a position by the locking finger 72 preventing further rotation of the operating shaft 20.”

Please amend the paragraph beginning on page 6, line 16, as follows:

“In a second selected position of the slideable ~~mounting assembly 40~~ ~~back plate 60~~ ~~attachment to the housing side wall 18 of the security gate operating mechanism 10 housing 12~~, locking plate 42 of the slideable mounting assembly 40, with the solenoid 48 in the deenergized, i.e., disengaged position, the locking fingers may be in essentially the same position as shown in FIG. 2(b), i.e., neither being in engagement with the locking collar 29 of locking pulley 80. However, with the solenoid 48 engaged, as illustrated in FIG. 2(d), the locking finger 70 can be in position to engage the engaging pins 82, as shown in FIG. 2(d) or the engaging protrusions 30 or posts 32 as shown in FIG. 1. In this embodiment, the present invention forms a fail unlocked mode. It will also be understood that the motor (not shown) and the solenoid 48 in this embodiment must be on a separate power supply and the solenoid may be activated or energized independently of whether there exists power to the motor, when it may be desired to prevent movement of the security gate by placing the locking finger 70 in the position of ~~FIG. 20~~ FIG. 2(d) to engage the engaging pins 82 of FIGS. 2(a)-2(d) ~~FIG. 2~~ or the engaging protrusions 30 or posts 32 of FIG. 1.